



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Confirmation No. 6012
Edwin Southern : Docket No. 01779/P025687US
Serial No. 09/422,804 : Group Art Unit 1631
Filed October 22, 1999 : Examiner A. Marschel

#22/D
Plunkett
4/26/02
Cwey

ANALYSING POLYNUCLEOTIDE SEQUENCES

RESPONSE UNDER 37. CFR 1.110

EXPEDITED PROCEDURE

EXAMINING GROUP 1631

AMENDMENT AFTER FINAL

Assistant Commissioner for Patents,
Washington, D.C.

RECEIVED

APR 26 2002

TECH CENTER 1600/2900

Sir:

Responsive to the Official Action dated November 23, 2001, the time for responding thereto being extended for two months in accordance with a petition for extension submitted concurrently herewith, please amend the above-identified application as follows:

IN THE CLAIMS

95. (Twice Amended) A method for analysing multiple sequence variants in multiple polynucleotides, which comprises:

- a) laying down stripes of oligonucleotides corresponding to each sequence variant on the surface of a solid support,
- b) applying the polynucleotides to the surface under hybridisation conditions in stripes orthogonal to those of the oligonucleotides, and
- c) observing hybridisation at a site of intersection as an indication of the presence of a variant sequence in the polynucleotide,

wherein the stripes of oligonucleotides have a width of 1 mm or less.

OK TO ENTER
AM, 5-7-02

DI